

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: FLORENT et al.  
Serial No: 10/572,616  
For: Medical imaging system with temporal filter  
Filed: November 18, 2006  
Examiner: Nancy BITAR  
Art Unit: 2624  
Confirmation No.: 7655  
Docket No.: FR030105US

Mail Stop AMENDMENT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**AMENDMENT**

Dear Sir:

Applicants are submitting the present document in response to an Office Action dated January 9, 2008 (hereinafter "the Office Action"). Please amend the above-noted application as follows:

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks/Arguments** begin on page 5 of this paper.